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501.33961R00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): T. FUJII, et al

Serial No.: 09/885,166

Filed: June 21, 2001

For: LIQUID CRYSTAL DISPLAY WITH SUBSTANTIALLY EQUAL  
RESISTANCES FOR SETS OF TERMINAL ELECTRODES AND  
INCLINED WIRING ELECTRODES

SUBMISSION OF REISSUE DECLARATION,  
STATEMENT UNDER 37 CFR 3.73(b) AND  
REISSUE APPLICATION BY THE INVENTOR -  
OFFER TO SURRENDER PATENT

Commissioner for Patents  
Washington, D.C. 20231

August 14, 2001

Sir:

Applicants, through their attorney, hereby submit a  
Reissue Declaration, Statement under 37 CFR 3.73(b) and  
Reissue Application by the Inventor - Office to Surrender  
Patent for the above-identified reissue application.

To the extent necessary, applicant's petition for an  
extension of time under 37 CFR 1.136. Please charge any  
shortage in the fees due in connection with the filing of this  
paper, including extension of time fees, to Deposit Account  
No. 01-2135 (501.33961R00) and please credit any excess fees  
to such deposit account.

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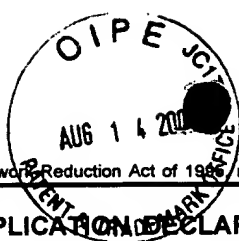
Respectfully submitted,

Melvin Kraus

Registration No. 22,466

ANTONELLI, TERRY, STOUT & KRAUS, LLP

MK/cee  
Attachments  
(703) 312-6600



#3

PTO/SB/51 (10-00)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

501.33961R00

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed

in patent number 5,914,763, granted June 22, 1999, and for which a reissue patent is sought on the invention entitled LIQUID CRYSTAL DISPLAY WITH SUBSTANTIALLY EQUAL RESISTANCES FOR SETS OF TERMINAL ELECTRODES AND INCLINED WIRING ELECTRODES, the specification of which

☐ is attached hereto.

☒ was filed on June 21, 2001 as reissue application number 09 / 885,166 and was amended on June 21, 2001.  
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

Original patent claims 1 and 10 have been amended to clarify that each resistances of each set of the terminal electrodes and the inclined wiring electrodes are equal rather than the original claim language of claims 1 and 10 of the patent that each resistances of each set of the terminal electrodes and each set of the inclined wiring electrodes are substantially equal. Further, new claims 25-46 have been presented, wherein claim 25, for example, does not recite features concerning resistances of the electrodes as recited in original patent claims 1 and 10 or the specific length relationship of original patent claim 19.

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

501.33961R00

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s)	Registration Number
Donald R. Antonelli	20,296
David T. Terry	20,178
Melvin Kraus	22,466

See Attachment

Correspondence Address: Direct all communications about the application to:

☒ Customer Number

020457

Type Customer Number here

Place Customer Number Bar  
Code Label here

☐ Firm or  
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Tatsuhisa FUJII

Inventor's signature

*Tatsuhisa Fujii*

Date

*August 6, 2001*

Residence  
Fukuyama-shi

Citizenship  
Japanese

Mailing Address 18-32 Zaou-cho 1-chome, Fukuyama-shi, Hiroshima-ken, Japan

Full name of second joint inventor (given name, family name)

Mitsugu KATAYAMA

Inventor's signature

*Mitsugu Katayama*

Date

*August 9, 2001*

Residence  
Mobara-shi, Japan

Citizenship  
Japanese

Mailing Address 1657-4 Kaminagayoshi, Mobara-shi, Chiba-ken, Japan

Full name of third joint inventor (given name, family name)

Tomohide OHIRA

Inventor's signature

*Tomohide OHIRA*

Date

*August 9, 2001*

Residence  
Mobara-shi

Citizenship  
Japanese

Mailing Address 13 Machibo, Mobara-shi, Chiba-ken, Japan

☒ Additional joint inventors are named on separately numbered sheets attached hereto.



Please type a plus sign (+) inside this box

PTO/SB/02A (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Tatsuyuki		FUMIKURA	
Inventor's Signature <i>Tatsuyuki Fumikura</i>		Date <i>Jul. 31, 2001</i>	
Residence: City Mobara-shi	State	Country Japan	Citizenship Japanese
Mailing Address 1000-3 Mutsumo, Mobara-shi, Chiba-ken, 297-0012, Japan			
Mailing Address			
City	State	ZIP	Country Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Hitomi		MADOKORO	
Inventor's Signature <i>Hitomi Madokoro</i>		Date <i>Jul. 31, 2001</i>	
Residence: City Mobara-shi	State	Country Japan	Citizenship Japanese
Mailing Address 15-3, 2-409 Midori-cho, Mobara-shi,			
Mailing Address Chiba-ken			
City	State	ZIP	Country Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

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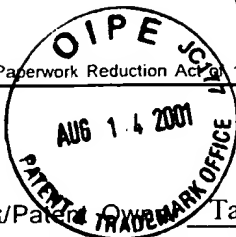
**Patent Number:** 5,914,763  
**Issue Date:** June 22, 1999  
**Invention Title:** See 1 in Addendum  
**Attorney Docket Number:** 501.33961R00

**Reissue Application Declaration by the Inventor (PTO/SB/51)  
Registered Practitioner Information—Supplemental Sheet**

<b>Name</b>	<b>Registration Number</b>	<b>Name</b>	<b>Registration Number</b>
William I. Solomon	28,565		
Gregory E. Montone	28,141		
Ronald J. Shore	28,577		
Donald E. Stout	26,422		
Alan E. Schiavelli	32,087		
James N. Dresser	22,973		
Carl I. Brundidge	29,621		
Paul J. Skwierawski	32,173		
Robert M. Bauer	34,487		

## **Addendum**

- 1. LIQUID CRYSTAL DISPLAY WITH SUBSTANTIALLY EQUAL RESISTANCES FOR SETS OF TERMINAL ELECTRODES AND INCLINED WIRING ELECTRODES**

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner Tatsuhisa FUJII, et al.Application No./Patent No.: 5,914,763 Filed/Issue Date: June 22, 1999Entitled: See AttachmentSee Attachment

(Name of Assignee)

, are

Corporations

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 8813, Frame 0472, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

\_\_\_\_\_  
Date

\_\_\_\_\_  
see addendum

\_\_\_\_\_  
Typed or printed name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

## Addendum

Invention Title:

LIQUID CRYSTAL DISPLAY WITH SUBSTANTIALLY EQUAL RESISTANCES FOR  
SETS OF TERMINAL ELECTRODES AND INCLINED WIRING ELECTRODES

Name of Assignee:

HITACHI, LTD. & HITACHI DEVICE ENGINEERING CO., LTD.

The undersigned (whose title is supplied below) is authorized to act on  
behalf of the assignee:

July 17, 2001  
Date

Mr. Yasuo Sakuta

Typed or Printed Name

Yasuo Sakuta  
Signature

Executive Managing Director

Title

Hitachi, Ltd.

July 27, 2001  
Date

Mr. Akio Yamaguchi

Typed or Printed Name

A. Yamaguchi  
Signature

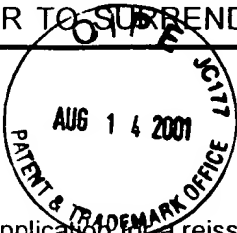
Executive Managing Director

Title

Hitachi Device Engineering Co., Ltd.  
Display Device Design Division



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<b>REISSUE APPLICATION BY THE INVENTOR, OFFER TO SURRENDER PATENT</b>		Docket Number (Optional) 501.33961R00
		
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Tatsuhisa FUJII, Mitsugu KATAYAMA, Tomohide OHIRA, Tatsuyuki FUMIKURA, and Hitomi MADOKORO		
Patent Number 5,914,763	Date Patent Issued June 22, 1999	
Title of invention LIQUID CRYSTAL DISPLAY WITH SUBSTANTIALLY EQUAL RESISTANCES FOR SETS OF TERMINAL ELECTRODES AND INCLINED WIRING ELECTRODES		
<p>I am the inventor of the original patent.</p> <p>I offer to surrender the original patent.</p> <p>1. <input checked="" type="checkbox"/> Filed herein is a certificate under 37 CFR 3.73(b).</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent has been made.</p> <p>One of boxes 1 or 2 above must be checked.</p> <p>The written consent of all assignees owning an undivided interest in the original patent is included in this application for reissue.</p>		
Signature <i>Tatsuhisa Fujii</i>	Date <i>August 6, 2001</i>	
Typed or printed name Tatsuhisa FUJII		
The assignee owning an undivided interest in said original patent is <u>See Attachment</u> , and the assignee consents to the accompanying application for reissue.		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.		
Name of assignee HITACHI, LTD. & HITACHI DEVICE ENGINEERING CO., LTD.		
Signature of person signing for assignee	Date	
Typed or printed name and title of person signing for assignee See Attachment		

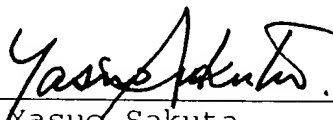
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PTO/SB/53 (12-97) Reissue Application by the Inventor, Offer to  
Surrender Patent

Name of assignee owning an undivided interest in said original patent:

HITACHI, LTD. HITACHI DEVICE ENGINEERING CO., LTD.

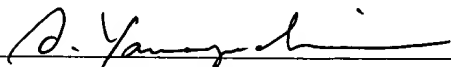
Signature of person  
signing for assignee



Mr. Yasuo Sakuta  
Executive Managing Director  
Hitachi, Ltd.

Date:

July 17, 2001



Mr. Aki Yamaguchi  
Executive Managing Director  
Hitachi Device Engineering Co., Ltd.  
Display Design Division

Date:

July 27, 2001